

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--|------------------|---------|------------------|
| L1 | 22 | (US-20060044179-\$ or US-20050012653-\$).did. or (US-6370475-\$ or US-4679047-\$ or US-4292637-\$ or US-6597308-\$ or US-6084530-\$ or US-5731778-\$ or US-4203113-\$ or US-6657580-\$ or US-6469654-\$ or US-5838276-\$ or US-5663720-\$ or US-5254997-\$ or US-4060809-\$ or US-6100840-\$ or US-4364049-\$ or US-4464662-\$ or US-3680089-\$).did. or (US-3094697-\$).did. or (EP-777133-\$).did. or (EP-777133-\$).did. | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | ON | 2006/12/04 09:39 |
| L2 | 11 | L1 AND (distance OR range) WITH (bearing OR angle OR direction) | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | ON | 2006/12/04 10:11 |
| L3 | 0 | "4060809".pn. AND (phase\$1 WITH array) | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | ON | 2006/12/04 10:22 |
| L5 | 2 | "4060809".pn. AND (determin\$5 WITH (angle OR direct\$8)) | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | ON | 2006/12/04 10:29 |
| L6 | 0 | "4060809".pn. AND (distance OR range) WITH ((subtract\$3 OR difference) NEAR3 frequency) | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | ON | 2006/12/04 10:32 |
| L7 | 1 | "4060809".pn. AND (distance OR range) NEAR2 (determin\$6 OR measure\$3 OR comput\$5 OR calculat\$3) | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | ON | 2006/12/04 10:31 |
| L8 | 1 | "4060809".pn. AND ((subtract\$3 OR difference) NEAR3 frequency) | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | ON | 2006/12/04 10:32 |

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| S1 | 1 | 10/533656 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/29 09:51 |
| S3 | 0 | fossum-bjorn.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/29 09:52 |
| S5 | 1094 | (342/46,41,174).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/29 10:04 |
| S18 | 20 | "777133" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/29 10:28 |
| S20 | 2 | "5731778".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/29 10:29 |
| S21 | 486 | "342".clas. AND FMCW | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/29 15:18 |
| S22 | 7456 | (342/30-31,41,42-48,50,107,133, 461,128-131,450-454,455,456-458, 463).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/29 15:17 |
| S23 | 3946 | (342/41,42-48,107,128-131,455). CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/29 15:18 |

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| S24 | 4 | (FMCW OR FM OR frequency ADJ modulat\$3).ti,ab,bsum,clm. AND (transponder OR tag).ti,ab,bsum,clm. AND (attitude OR orientat\$3 OR (pitch WITH roll)) AND (antenna WITH array OR phase\$1 WITH array OR antenna WITH elements).ti,ab,bsum,clm. AND (direction OR directivity OR angle OR bearing) AND ((beat AND doppler) SAME frequency) AND (distance OR range).ti,ab,bsum,clm. AND (velocity OR speed) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/30 10:48 |
| S25 | 118 | (FMCW OR FM OR frequency ADJ modulat\$3).ti,ab,bsum,clm. AND (transponder OR tag).ti,ab,bsum,clm. AND (attitude OR orientat\$3 OR (pitch WITH roll)) AND (antenna WITH array OR phase\$1 WITH array OR antenna WITH elements).ti,ab,bsum,clm. AND (direction OR directivity OR angle OR bearing) AND (distance OR range).ti,ab,bsum,clm. AND (velocity OR speed) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/29 17:00 |
| S26 | 20 | S25 AND "342".clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/29 17:17 |
| S27 | 303 | (FMCW OR FM OR frequency ADJ modulat\$3).ti,ab,bsum,clm. AND (transponder OR tag).ti,ab,bsum,clm. AND (attitude OR orientat\$3 OR (pitch WITH roll)) AND (direction OR directivity OR angle OR bearing) AND (distance OR range).ti,ab,bsum,clm. AND (velocity OR speed) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/29 16:32 |
| S28 | 39 | S27 AND "342".clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/29 16:33 |
| S29 | 19 | S28 NOT S26 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/29 16:33 |

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| S30 | 403 | (FMCW OR FM OR frequency NEAR3 modulat\$3).ti,ab,bsum,clm. AND (transponder OR tag).ti,ab,bsum,clm. AND (attitude OR orientat\$3 OR (pitch WITH roll)) AND (direction OR directivity OR angle OR bearing) AND (distance OR range).ti,ab,bsum,clm. AND (velocity OR speed) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/29 16:33 |
| S31 | 59 | S30 AND "342".clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/29 17:02 |
| S32 | 20 | S31 NOT (S28 OR S26) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/29 16:37 |
| S33 | 31 | S22 AND S31 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/29 16:38 |
| S34 | 8 | S22 AND S26 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/29 16:38 |
| S35 | 118 | (FMCW OR FM OR frequency ADJ modulat\$3).ti,ab,bsum,clm. AND (transponder OR tag).ti,ab,bsum,clm. AND (attitude OR orientat\$3 OR (pitch WITH roll)) AND (antenna WITH array OR phase\$1 WITH array OR antenna WITH elements) AND (direction OR directivity OR angle OR bearing) AND (distance OR range) AND (velocity OR speed) AND (marine or water OR ocean OR vessel OR ship OR tanker OR sea OR river) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/30 12:40 |
| S36 | 16 | S35 AND ("342").clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/29 17:03 |

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| S37 | 3 | S26 NOT (S34 OR S36) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/29 17:21 |
| S38 | 22 | S33 NOT (S26 OR S36) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/29 17:21 |
| S39 | 7 | S23 AND (FMCW OR frequency ADJ modulat\$3 ADJ continuous ADJ wave).ti,ab,clm. AND (transponder OR tag).ti,ab,clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/29 17:46 |
| S40 | 16 | transponder.ti,ab,clm. AND (oil ADJ (rig OR tanker OR platform OR vessel)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/30 09:31 |
| S41 | 84 | (FMCW OR FM OR frequency ADJ modulat\$3).ti,ab,bsum,clm. AND (transponder OR tag).ti,ab,bsum, clm. AND (attitude OR orientat\$3 OR (pitch WITH roll)) AND (antenna WITH array OR phase\$1 WITH array OR antenna WITH elements). ti,ab,bsum,clm. AND (direction OR directivity OR angle OR bearing) AND ((beat OR frequency NEAR2 (subtract\$3 OR difference)) AND doppler) AND (distance OR range). ti,ab,bsum,clm. AND (velocity OR speed) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/30 09:41 |
| S42 | 5 | S41 AND "342".clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/30 09:44 |
| S43 | 8 | S41 AND ("342" OR "340" OR "343").clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/30 10:54 |

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| S44 | 4 | (frequency WITH modulat\$3).ti,ab, bsum,clm. AND (transponder OR tag).ti,ab,bsum,clm. AND (attitude OR orientat\$3 OR (pitch WITH roll)) AND (antenna WITH array OR phase\$1 WITH array) AND (array SAME (direct\$3 OR directiv\$3 OR angle OR bearing)) AND (beat SAME (distance OR range)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/30 10:57 |
| S45 | 7 | (frequency WITH modulat\$3).ti,ab, bsum,clm. AND (transponder OR tag).ti,ab,bsum,clm. AND (antenna WITH array OR phase\$1 WITH array) AND (array SAME (direct\$3 OR directiv\$3 OR angle OR bearing)) AND (beat SAME (distance OR range)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/30 10:53 |
| S46 | 1 | (modulat\$3 WITH (transponder OR tag)).ti,ab,bsum,clm. AND (antenna WITH array OR phase\$1 WITH array) AND (array SAME (direct\$3 OR directiv\$3 OR angle OR bearing)) AND (beat SAME (distance OR range)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/30 10:53 |
| S47 | 10 | (modulat\$3 WITH (transponder OR tag)) AND (antenna WITH array OR phase\$1 WITH array) AND (array SAME (direct\$3 OR directiv\$3 OR angle OR bearing)) AND (beat SAME (distance OR range)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/30 10:53 |
| S48 | 16 | (S44 OR S45 OR S46 OR S47) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/30 12:04 |
| S49 | 1 | "4203113".pn. AND (marine or water OR ocean OR vessel OR ship OR tanker OR sea OR river) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/30 12:07 |
| S50 | 1 | "4203113".pn. AND (transponder OR tag) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/30 17:21 |

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| S51 | 2 | "4203113".pn. AND ((array OR phase\$1 OR (antenna ADJ element)) SAME (direct\$ OR directiv\$3 OR angle OR bearing)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/30 12:22 |
| S57 | 43 | (FMCW OR frequency ADJ modulated ADJ continuous ADJ wave OR FM-CW).ti,ab,bsum,clm. AND (transponder OR tag).ti,ab,bsum,clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/30 12:52 |
| S60 | 18 | S57 AND (beat OR ((distance OR range) WITH (frequency NEAR2 (difference OR subtract\$3)))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/30 14:14 |
| S61 | 43 | (FMCW OR frequency ADJ modulated ADJ continuous ADJ wave OR FM-CW).ti,ab,bsum,clm. AND (transponder OR tag).ti,ab,bsum,clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/30 14:08 |
| S62 | 12 | S61 AND (attitude OR orientat\$3 OR (pitch WITH roll)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/30 14:08 |
| S63 | 7 | S61 AND (beat OR ((distance OR range) WITH (frequency NEAR2 (difference OR subtract\$3)))) AND doppler | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/30 14:44 |
| S64 | 0 | "6084530".pn. AND (distance OR range) WITH (angle OR direction\$5 OR bearing OR directivity) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/30 17:22 |
| S65 | 1 | "6084530".pn. AND (distance OR range) SAME (angle OR direction\$5 OR bearing OR directivity) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/30 17:02 |

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| S66 | 0 | "6084530".pn. AND between ADJ3 (transponders OR tags OR vehicles OR objects) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/30 17:23 |
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